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| Terms | Documents |
|----------------------|-----------|
| L28 and (non-gelled) | 0 |

Database:

[US Patents Full-Text Database](#)
[US Pre-Grant Publication Full-Text Database](#)
[JPO Abstracts Database](#)
[EPO Abstracts Database](#)
[Derwent World Patents Index](#)
[IBM Technical Disclosure Bulletins](#)

Search:

L30

[Refine Search](#)[Recall Text](#)[Clear](#)**Search History****DATE:** Sunday, November 30, 2003 [Printable Copy](#) [Create Case](#)**Set Name Query**

side by side

Hit Count Set Name

result set

DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR

| | | | |
|------------|---|----|------------|
| <u>L30</u> | L28 and (non-gelled) | 0 | <u>L30</u> |
| <u>L29</u> | L28 and (molecular adj weight) | 7 | <u>L29</u> |
| <u>L28</u> | L27 and ((glycedyl adj methacrylate) or (hydroxy adj alkyl adj methacrylate) or (hydroxyalkyl adj methacrylate) or (hydroxy adj alkylacrylate) or (hydroxy adj alkyl adj acrylate) or (methacrylic adj acid) or (acrylic adj acid)) | 16 | <u>L28</u> |
| <u>L27</u> | (high-alkyl adj acrylate) or (high adj alkyl adj acrylate) or (high adj alkyl adj methacrylate) | 40 | <u>L27</u> |
| <u>L26</u> | L25 and ((impact adj strength) or (increasing adj melt adj strength)) | 2 | <u>L26</u> |
| <u>L25</u> | L23 and (non-gelled) | 3 | <u>L25</u> |
| <u>L24</u> | L23 and (branching adj chain) | 0 | <u>L24</u> |
| | L22 and ((glycedyl adj methacrylate) or (hydroxy adj alkyl adj | | |

| | | | |
|----------------------------|--|-------|----------------------------|
| <u>L23</u> | methacrylate) or (hydroxyalkyl adj methacrylate) or (hydroxy adj alkylacrylate) or (hydroxy adj alkyl adj acrylate) or (methacrylic adj acid) or (acrylic adj acid)) | 378 | <u>L23</u> |
| <u>L22</u> | L20 and (polyfunctional adj monomer) | 428 | <u>L22</u> |
| <u>L21</u> | L20 and L19 | 63 | <u>L21</u> |
| <u>L20</u> | L2 and polymerizable | 7709 | <u>L20</u> |
| <u>L19</u> | L4 and ((glycedyl adj methacrylate) or (hydroxy adj alkyl adj methacrylate) or (hydroxyalkyl adj methacrylate) or (hydroxy adj alkylacrylate) or (hydroxy adj alkyl adj acrylate) or (methacrylic adj acid) or (acrylic adj acid)) | 108 | <u>L19</u> |
| <u>L18</u> | L17 and (chain adj branch\$3) | 4 | <u>L18</u> |
| <u>L17</u> | L3 and (non-gelled) | 47 | <u>L17</u> |
| <u>L16</u> | L15 and (core adj shell) | 5 | <u>L16</u> |
| <u>L15</u> | L13 and L3 | 23 | <u>L15</u> |
| <u>L14</u> | L13 and L4 | 0 | <u>L14</u> |
| <u>L13</u> | L10 and (impact adj modifier) | 104 | <u>L13</u> |
| <u>L12</u> | L11 and ((core adj shell adj copolymer) or (core-shell adj copolymer)) | 0 | <u>L12</u> |
| <u>L11</u> | L10 and ((impact adj modified) or (melt adj strength adj additive)) | 72 | <u>L11</u> |
| <u>L10</u> | polypropylene adj resin | 16414 | <u>L10</u> |
| <u>L9</u> | L6 and (thermoplastic adj resin) | 1 | <u>L9</u> |
| <u>L8</u> | L6 and (polypropylene adj resin) | 0 | <u>L8</u> |
| <u>L7</u> | L6 and polypropylene | 2 | <u>L7</u> |
| <u>L6</u> | L5 and ((impact adj modifier) or (engineering adj material) or (thermoplastic adj blend)) | 3 | <u>L6</u> |
| <u>L5</u> | L4 and (molecular adj weight) | 129 | <u>L5</u> |
| <u>L4</u> | L3 and ((reactive adj sides) or (functional adj ends) or (polymerizable adj chain adj branching adj monomer)) | 134 | <u>L4</u> |
| <u>L3</u> | L2 and (grafted or branched or (chain adj branch\$2) or (core adj shell adj copolymer) or grafting or (multi-layered) or multilayers) | 13424 | <u>L3</u> |
| <u>L2</u> | L1 and ((high adj alkyl adj group) or (high adj alkyl adj chain) or (high adj alkyl unit) or (high adj alkyl adj segment) or (lauryl adj acrylate) or (lauryl adj methacrylate) or (dodecyl adj methacrylate) or (dodecyl acrylate) or (stearyl adj acrylate) or (stearyl adj methacrylate) or (cetyl adj acrylate) or (cetyl adj methacrylate)) | 31924 | <u>L2</u> |
| <u>L1</u> | (alkyl adj methacrylate) or (alkylacrylate) or (alkyl adj acrylate) | 34087 | <u>L1</u> |

END OF SEARCH HISTORY

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Search Results - Record(s) 1 through 7 of 7 returned.**1. Document ID: US 20030199628 A1**

L29: Entry 1 of 7

File: PGPB

Oct 23, 2003

PGPUB-DOCUMENT-NUMBER: 20030199628

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030199628 A1

TITLE: Aqueous additive systems for polymeric matrices

PUBLICATION-DATE: October 23, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|---------------------------|----------------|-------|---------|---------|
| Weese, Richard Henry | Philadelphia | PA | US | |
| Chou, Chuen-Shyong | Lower Gwynedd | PA | US | |
| Dougherty, Eugene Patrick | Langhorne | PA | US | |
| McDonald, David John | Fairless Hills | PA | US | |
| Brady, Jean Marie | Maple Glen | PA | US | |

US-CL-CURRENT: 524/504

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
|-------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Image | | | | | | | | | |

| KWIC | Draw. Desc |
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2. Document ID: US 5552451 A

L29: Entry 2 of 7

File: USPT

Sep 3, 1996

US-PAT-NO: 5552451

DOCUMENT-IDENTIFIER: US 5552451 A

**** See image for Certificate of Correction ****

TITLE: Removable, low melt viscosity acrylic pressure sensitive adhesives

DATE-ISSUED: September 3, 1996

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|----------------------|----------------|-------|----------|---------|
| Everaerts, Albert I. | Oakdale | MN | | |
| Malmer, Jeffrey D. | North St. Paul | MN | | |

US-CL-CURRENT: 522/46, 427/457, 522/181, 522/182

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
|-------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
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| KWIC | Draw. Desc |
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3. Document ID: US 5225470 A

L29: Entry 3 of 7

File: USPT

Jul 6, 1993

US-PAT-NO: 5225470

DOCUMENT-IDENTIFIER: US 5225470 A

**** See image for Certificate of Correction ****

TITLE: Acrylic hot melt pressure sensitive adhesive compositions

DATE-ISSUED: July 6, 1993

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---------------------|--------|-------|----------|---------|
| Mancinelli, Paul A. | Frazer | PA | | |

US-CL-CURRENT: 524/271, 442/151, 524/274, 524/285, 524/287, 525/210, 525/211, 525/241

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KMIC | Draw Desc |
|-------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|------|-----------|
| Image | | | | | | | | | | | |

4. Document ID: US 5006582 A

L29: Entry 4 of 7

File: USPT

Apr 9, 1991

US-PAT-NO: 5006582

DOCUMENT-IDENTIFIER: US 5006582 A

TITLE: Acrylic hot melt pressure sensitive adhesive compositions

DATE-ISSUED: April 9, 1991

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---------------------|--------|-------|----------|---------|
| Mancinelli, Paul A. | Frazer | PA | | |

US-CL-CURRENT: 524/271, 524/274, 524/285, 524/287, 525/210, 525/211, 525/241

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KMIC | Draw Desc |
|-------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|------|-----------|
| Image | | | | | | | | | | | |

5. Document ID: DE 4025494 A US 5691284 A EP 471266 A EP 471266 B1 DE 59103970
G ES 2068441 T3

L29: Entry 5 of 7

File: DWPI

Feb 13, 1992

DERWENT-ACC-NO: 1992-057973

DERWENT-WEEK: 199802

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TITLE: Synthetic lubricating oil - comprises oligomers of higher alkyl acrylate or methacrylate ester(s), opt. with 1-alkene comonomer

INVENTOR: BEYER, C; JELITTE, R ; JOST, H ; PENNEWISS, H

PRIORITY-DATA: 1990DE-4025494 (August 11, 1990), 1990DE-4025494 (August 11, 1990)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|---------------|-------------------|----------|-------|------------|
| DE 4025494 A | February 13, 1992 | | 010 | |
| US 5691284 A | November 25, 1997 | | 008 | C10M145/14 |
| EP 471266 A | February 19, 1992 | | 000 | |
| EP 471266 B1 | December 21, 1994 | G | 014 | C10M145/14 |
| DE 59103970 G | February 2, 1995 | | 000 | C10M145/14 |
| ES 2068441 T3 | April 16, 1995 | | 000 | C10M145/14 |

INT-CL (IPC): C08F 210/00; C08F 220/18; C10M 107/28; C10M 111/04; C10M 145/14; C10M 169/04

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
|-------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Image | | | | | | | | | |

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└ 6. Document ID: DE 3427519 A EP 173057 A ZA 8505194 A JP 61040310 A US 4705740 A CN 8506270 A EP 271077 A EP 173057 B DE 3568296 G EP 271077 B DE 3583945 G KR 9307506 B1 JP 94068057 B2

L29: Entry 6 of 7

File: DWPI

Feb 6, 1986

DERWENT-ACC-NO: 1986-043063

DERWENT-WEEK: 199626

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TITLE: Radiation polymerisable mixt. e.g. for printing plate mfr. - contg. copolymer of unsatd. acid and higher alkyl methacrylate of given mol. wt.

INVENTOR: ALBRECHT, K; GEISLER, U

PRIORITY-DATA: 1984DE-3427519 (July 26, 1984)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|----------------|-------------------|----------|-------|------------|
| DE 3427519 A | February 6, 1986 | | 025 | |
| EP 173057 A | March 5, 1986 | G | 000 | |
| ZA 8505194 A | January 13, 1986 | | 000 | |
| JP 61040310 A | February 26, 1986 | | 000 | |
| US 4705740 A | November 10, 1987 | | 000 | |
| CN 8506270 A | February 18, 1987 | | 000 | |
| EP 271077 A | June 15, 1988 | G | 000 | |
| EP 173057 B | February 15, 1989 | G | 000 | |
| DE 3568296 G | March 23, 1989 | | 000 | |
| EP 271077 B | August 28, 1991 | | 000 | |
| DE 3583945 G | October 2, 1991 | | 000 | |
| KR 9307506 B1 | August 12, 1993 | | 000 | C08F220/18 |
| JP 94068057 B2 | August 31, 1994 | | 006 | C08L057/04 |

INT-CL (IPC): C08F 2/02; C08F 2/54; C08F 20/06; C08F 212/06; C08F 220/04; C08F 220/18; C08J 3/24; C08L 33/02; C08L 57/04 ; G03C 1/68; G03F 7/26; H05K 3/00

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw. Desc |
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7. Document ID: JP 57149313 A

L29: Entry 7 of 7

File: DWPI

Sep 14, 1982

DERWENT-ACC-NO: 1982-89605E

DERWENT-WEEK: 198242

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TITLE: Methyl methacrylate! copolymerised with acrylate - and or higher alkyl methacrylate, has good fluidity and mechanical strength

PRIORITY-DATA: 1981JP-0035259 (March 13, 1981)

PATENT-FAMILY:

| | | | | |
|---------------|--------------------|----------|-------|----------|
| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
| JP 57149313 A | September 14, 1982 | | 007 | |

INT-CL (IPC): C08F 220/14

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
|-------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
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| KWIC | Draw. Desc |
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| Terms | Documents |
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| L28 and (molecular adj weight) | 7 |

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